

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 05 Oct 2023 until 23:59 on Friday 06 Oct 2023

Forecast Issued on Thursday 05 Oct 2023 at 04:38

Confidence: High for rather unsettled through the next few days but lower for timings of arrival and clearance of the rain.

Headline for Thursday 05 Oct 2023: Cloudy with rain at times, especially this afternoon. Strong southwesterly winds.

Mountain weather hazards on Thursday 05 Oct 2023		
Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales Medium Likelihood	Severe chill effect No Likelihood	Poor visibility Medium Likelihood
Thunderstorms No Likelihood	Heavy persistent rain Medium Likelihood	Strong sunlight No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Light rain	Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain
Precipitation probability					
60%	80%	60%	80%	60%	80%

Forecast for Thursday 05 Oct 2023

Weather: Mostly cloudy today with occasional rain, perhaps a few brighter spells in the east. The rain becomes more persistent and occasionally heavy across western hills from late morning. Further rain is expected this evening, mainly light and especially across western areas.

Chance of cloud-free hill tops above 600m: Around 40% this morning across eastern hills, otherwise little chance.

Low Cloud and visibility: Periods or persistent above about 450-600m, but more occasional at times this morning in the east. Then patches developing above 300m at times this afternoon and evening over western hills. Otherwise visibility good falling to several kilometres in more persistent rain.

Forecast for Thursday 05 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/23 SW	23/30 SW	23/31 SW	27/37 SW	26/36 SW	27/39 SW	25/36 SW
300	12/25 SW	14/28 SW	14/27 SW	14/30 SW	15/32 SW	17/34 SW	16/32 SW
Valley	8/20 SW	12/27 SW	11/25 SW	12/28 SW	15/33 SW	17/34 SW	15/32 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	11/7	10/6	10/6	11/7	12/8	12/8
300	12/10	13/10	12/10	12/10	12/10	13/10	14/11
Valley	13/12	14/12	13/12	13/11	14/11	14/12	15/12
Freezing Level*	2500m	2500m	2900m	3100m	2600m	2500m	2700m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Gusts around 50mph expected over ridges and summits from mid-afternoon, making navigation difficult. Ground conditions will be slippery with water courses fast flowing.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 05 Oct 2023	2.4mm	13.8mm	22.2mm

Forecast for Friday 06 Oct 2023

Weather: Cloudy with outbreaks of rain, heaviest and most persistent across western hills. The rain may gradually clear northeastwards late evening, leaving drier but still cloudy conditions.

Maximum wind: Southwesterly 20-30mph, with gusts around 50mph over ridges and summits.

Chance of cloud-free hill tops above 600m: Little chance across western areas throughout, and 40% chance across eastern areas.

Low Cloud and visibility: Persistent above about 400m, with patches around 300m for western areas. Periods of cloud above 500m in the east. Otherwise visibility good falling to several kilometres in more persistent rain.

Temperature: **Valleys:** Plus 13 Celsius rising to plus 17 Celsius
At 600m: Plus 12 Celsius
Freezing level: Well above the summits